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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Ala Sharaiha et al.

Appln. No. : 10/528,516

Filed : March 18, 2005

For : BROADBAND HELICAL ANTENNA

Docket No.: U16.12-0005

10/528,516

Group Art Unit:

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
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Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

Submitted herewith is a copy (with English translation as appropriate) of an International Search Report of the European Patent Office in counterpart foreign application No. PCT/FR 03/02774 filed September 19, 2003.

TIME OF FILING

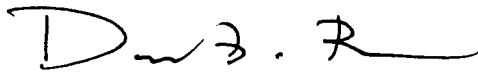
An information disclosure statement is being filed by the applicant within any one of the following time periods:

1. X 1. Within three month of the filing date of a national application other than a Continued Prosecution Application (CPA);
2. Within three months of the date of entry of the National Stage international application;
3. Before the mailing date of a first Office Action on the merits, or
4. Before the mailing of a first Office Action after the filing of a Request for Continued Examination (RCE).

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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<b>FORM PTO-1449</b>	Atty. Docket No.: <b>U16.12-0005</b>	Appl. No.: <b>10/528,516</b>
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	<b>Ala Sharaiha et al.</b>	
	Filing Date	Group Art:
	<b>March 18, 2005</b>	<b>2821</b>

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/TD/	AA	6,229,499	5/8/01	Licul et al.	343	895
/TD/	AB	6,278,414	8/21/01	Filipovic	343	895
/TD/	AC	6,160,516	12/12/00	Teran et al.	343	702

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Sub Class	Translation Yes No
/TD/	AD	2 814 285	9/15/00	France	/	/	X (Title)
/TD/	AE	2 814 286	9/15/00	France	/	/	X (Title)
/TD/	AF	2 746 547	3/19/96	France	/	/	X (Title)
/TD/	AG	5 654 554	11/10/89	France	/	/	X (Title)
/TD/	AH	WO 96/34425	9/20/95	PCT	/	/	X
/TD/	AI	EP 1 154 519 A1	11/14/01	EPO	/	/	X

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

/TD/	AJ	J.C. Louvigne et al., "Broadband Tapered Printed Quadrifilar Helical Antenna", Electronics Letterw, IEE 2001, Vol. 37, No. 15, pp.249-255.
/TD/	AK	H. Feldman, "An Introduction to Immarasat's New Mobile Multimedia Service", Sixth International Mobile Satellite Conference, June 1999, pp. 266-229.
/TD/	AL	A. Sharaiha, "Analysis of Quadrifilar Resonant Printed Helical Antenna for Mobile Communications", Iee Proceedings-H, Vol. 140, No. 4, August 1993, pp. 269-273.
/TD/	AM	J.V. Evans, Satellite Systems for Personal Communication", IEEE Antennas and Propagation Magazine, Vol. 39, No. 3, June 1997, pp. 7-20.
EXAMINER: /Trinh Dinh/		DATE CONSIDERED: 02/28/2008

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.